



PATENT  
P56617

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

HYUN-CHUL SEO

Serial No.: 09/989,650

Examiner: Nguyen, Chaut

Filed: 21 November 2001

Art Unit: 2663

For: *DATA STRUCTURE FOR IMPLEMENTATION OF TRAFFIC ENGINEERING  
FUNCTION IN MULTIPROTOCOL LABEL SWITCHING SYSTEM AND STORAGE  
MEDIUM FOR STORING THE SAME*

**INFORMATION DISCLOSURE STATEMENT**

**Mail Stop**

Commissioner for Patents

P.O.Box 1450

Alexandria, VA 22313-1450

**RECEIVED**

MAR 29 2004

Technology Center 2600

Sir:

In accordance with 37 C.F.R. §1.56, and §§1.97 and 1.98 as amended, Applicant cites, describes and provides copies of the following art references cited in an Office action issued by the Chinese Patent Office in Applicant's corresponding co-pending patent application.

**OTHER DOCUMENT**

- Reference 1: The Implementing Solution of QoS Traffic in MPLS System (dated April 1999);
- Reference 2: Analysis on MPLS Technology and Its Application (dated September 2000); and

- Chinese Office Action of the Chinese Patent Application No. 01142794.9, issued on 2 January 2004

### **DISCUSSION**

As explained by the examiner in applicant's corresponding Application No. 011427949 issued on the 2<sup>nd</sup> of January 2004 by the patent office of the people's Republic of China, the Quality of Service MPLS paper suggest implementations of the Quality of Service protocol model based upon Internet protocol for integrated services and differentiated services in a MPLS system with the sender transmitting path information of RSVP prior to transmitting data, to indicate the traffic information in the transmission and the desired QoS (Quality of Service) service path, and, after receiving the path information and entry node LER1 of MPLS triggering an information containing Label-Request.

As is also explained in the office action, the MPLS paper suggest indexing and interlinking of a profile entry that includes user information, path and Quality of Service.

Pursuant to 37 CFR § 1.97(d), the undersigned attorney hereby certifies that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign patent application not more than three(3) months prior to the filing of the statement.

The citation of the foregoing references is not intended to constitute an assertion that other or more relevant art does not exist. Accordingly, the Examiner is requested to make a wide-ranging and thorough search of the relevant art.

No fee is incurred by this Statement.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Robert E. Bushnell", is written over a horizontal line.

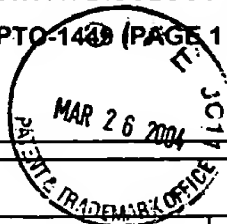
Robert E. Bushnell

Reg. No.: 27,774

1522 "K" Street, N.W., Suite 300  
Washington, D.C. 20005  
Area Code: (202) 408-9040

Folio: P56617  
Date: 26 March 2004  
I.D.: REB/ny

<b>INFORMATION DISCLOSURE STATEMENT</b> <b>PTO-1449 (PAGE 1 OF ****)</b>	SERIAL NUMBER 09/989,650	DOCKET NO. P56617
	APPLICANT HYUN-CHUL SEO	
	FILING DATE 21 November 2001	GROUP 2663



**U.S. PATENT DOCUMENTS**

EXAMINER	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE

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FOREIGN PATENT DOCUMENTS						TRANSLATION	
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)**

✓	Chinese Office Action of the Chinese Patent Application No. 01142794.9 (issued 2 January 2004)
✓	Reference 1: The Implementing Solution of QoS Traffic in MPLS System (dated April 1999)
	Reference 2: Analysis on MPLS Technology and Its Application (dated September 2000)

EXAMINER:	DATE CONSIDERED:
<small>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>	